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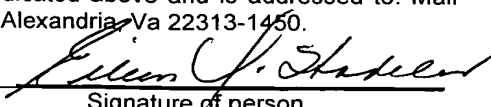
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Patent

PD- 200084

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

: Date: August 12, 2003

Donald C. D. Chang, et al

Serial No. 09/652,862

: Group Art Unit: : 2683

Filed: August 31, 2000

For: RAPID USER ACQUISITION BY A
GROUND-BASED BEAMFORMER

: Examiner: Ewart, James D

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(c)
WITH PAYMENT OF FEE UNDER 37 C. F.R. 1.17 (p)

Mail Stop Non-Fee Amendment
Commissioner for Patents
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Dear Sir:

The attention of the Office is drawn to the references listed on the accompanying PTO-1449 form (copies enclosed).

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

PAYMENT OF FEE SET FORTH IN § 1.17 (p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account. **This form is being submitted in duplicate.**

Respectfully submitted,
DONALD C. D. CHANG, et al

By: Vijayalakshmi D. Duraiswamy
Vijayalakshmi D. Duraiswamy
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Enclosure: Form PTO-1449 w/references
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